

<212> PRT

<213> A.fumigatus

<400> 29938

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Leu His Arg His Thr Phe Asp His Asp Ile Thr Ala Glu Lys Lys Gln
1           5           10           15
Lys Lys Phe Leu Asp Pro Gly Leu Ser Leu Thr Ala Arg Ser Ile Gln
           20           25           30
Gly Ala Ile Ser Ser Ile Leu Phe Leu Phe Phe Asn Leu Tyr Phe Ser
           35           40           45
Ser Val Asn Ser Phe Ile Cys Ile Tyr Gly Ser Ser
           50           55           60

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<210> 29939

<211> 755

<212> PRT

<213> A.fumigatus

<400> 29939

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Ile Asp Tyr Arg Arg Ser Phe Gln Pro Arg Gly Glu Asp Asp Arg Arg
1           5           10           15
Leu Asn Trp Ala Met Asp Ile Phe Ser Ala Gly Cys Val Ile Ala Glu
           20           25           30
Leu Phe Leu Glu Ala Pro Ile Phe Thr Leu Ser Gln Met Tyr Lys Tyr
           35           40           45
Arg Lys Gly Glu Tyr Ser Pro Gln His Ser Gln Leu Ala Lys Ile Glu
           50           55           60
Asp Pro Glu Ile Arg Gly Met Ile Leu His Met Ile Gln Leu Glu Pro
           65           70           75           80
Glu Ser Arg Tyr Ser Ala Glu Glu Tyr Leu Asn Phe Trp Lys Asn Lys
           85           90           95
Ala Phe Pro Glu Tyr Phe Tyr Ser Phe Leu His Gln Tyr Met Ser Leu
           100          105          110
Met Thr Asp Pro Ser Ser Gly Arg Ala Gln Val Glu Ala Glu Ser Ala
           115          120          125
Asn Arg Gly Glu Ser Asp Asp Arg Ile Glu Arg Val Tyr Tyr Asp Phe
           130          135          140
Asp Lys Ile Ser Tyr Phe Leu Gly Ala Ser Ser Lys Pro Val Lys Asp
           145          150          155          160
Gly Pro Ser Arg Ser Asn Ser Arg Leu Thr Gly Asn Gly Phe Pro Ile
           165          170          175
His Leu Asp Leu Pro Asn Tyr Gly Leu Gln Ala Ala Lys Ser Gln Pro
           180          185          190
Arg Thr Asp Asp Gly Val Leu Ile Phe Leu Thr Leu Val Val Ser Ser
           195          200          205
Val Arg Asn Thr Ala Arg Ala Ser Ser Arg Ile Arg Ala Cys Asp Ile
           210          215          220
Leu Leu Ala Phe Ala Glu Arg Leu Ser Asp Glu Ala Lys Leu Asp Arg
           225          230          235          240
Ile Leu Pro Tyr Ile Met Ile Leu Leu Asn Asp Arg Thr Asp Ser Val
           245          250          255
Lys Val Ala Ala Ile Arg Thr Leu Ala Gln Leu Leu Glu Met Val Gln
           260          265          270
Val Val Ser Pro Val Asn Ala Tyr Leu Phe Pro Glu Tyr Ile Phe Pro
           275          280          285
Arg Leu Gln Pro Phe Val Ser Ser Ser Ser Ser Asn Pro Ser Pro Met

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290	295	300
Val Arg Ala Ala Tyr	Ala Ser Cys Ile Ser	Ser Leu Ala Gln Ser Ser
305	310	315
Leu Arg Phe Leu Asp	Met Ile Gln Ala Leu	Arg Ser Asp Thr Arg Leu
	325	330
Ser Ala Leu Ile Pro	Ala Gly Ser Glu Pro	Arg Trp Thr Glu Asp Ala
	340	345
Thr Phe His Asn Leu	Tyr Asp Val Ala Arg	Val Glu Leu Leu Asp Tyr
	355	360
Phe Glu Asn His Thr	Lys Ala Leu Leu Thr	Asp Ser Asp Ala Ser Val
	370	375
Arg Ser Ala Phe Leu	Ser Ser Val Pro Asn	Val Cys Val Phe Phe Gly
385	390	395
Asn Leu Lys Thr Asn	Glu Val Ile Leu Asn	His Leu Asn Thr Tyr Leu
	405	410
Asn Asp Arg Asp Trp	Ile Leu Lys Cys Ala	Leu Phe Glu Thr Val Val
	420	425
Gly Val Ala Ala Tyr	Val Arg Ser Thr Ser	Leu Glu Gln Tyr Ile Leu
	435	440
Pro Leu Met Ile Gln	Ser Met Asn Glu Pro	Glu Glu Phe Val Val Glu
	450	455
Arg Val Leu Arg Ser	Leu Ala Ala Met Ala	Asp Leu Gly Leu Phe Gln
465	470	475
Arg Ser Thr Thr Trp	Glu Val Leu Gln Val	Val Val Arg Leu Ser Val
	485	490
His Pro Asn Thr Trp	Ile Arg Glu Ala Ala	Val Cys Phe Ile Ile Asn
	500	505
Ser Ala Lys His Leu	Ser Ile Ala Asp Lys	Tyr Ser Ile Leu Gly Pro
	515	520
Leu Val Gln Pro Tyr	Leu Arg Val Asn Ile	Val Asp Phe Ser Glu Glu
	530	535
Lys Leu Leu Asp Gly	Leu Lys Lys Pro Leu	Ser Arg Ser Val Tyr Asp
545	550	555
Leu Ala Phe Val Trp	Ala Ser Lys Ala Glu	Lys Gly Leu Phe Trp Lys
	565	570
Ser Thr Ala Arg Asp	Glu Val Phe Ser Val	Gly Gly Thr Asp His Leu
	580	585
Leu Pro Lys Gly Gly	Gln Lys Asn Gln Asn	Phe Ser His Asn Ala Gln
	595	600
Pro Lys Asn Glu Glu	Asp Glu Gln Trp Leu	Ser Arg Leu Arg Asn Met
	610	615
Gly Leu Gly Pro Asp	Asp Glu Phe Lys Leu	Leu Ala Leu Arg Ser Tyr
625	630	635
Ile Trp Gly Val Ser	Met Arg Gln Met Lys	Glu Ser Asp Asp Ala Val
	645	650
Ser Ser Leu Asn Asn	Val Ile Ala Leu Thr	Gln Tyr Gly Val Thr Pro
	660	665
Gln Thr Val Phe Phe	Asp Lys Gln Gln Ser	Val Lys Pro Gln Gly Pro
	675	680
Pro Leu Pro Lys Val	Asp Asp Ala Gly Leu	Gly Glu Ser Lys Pro His
	690	695
Thr Ile Thr Asp Ala	Leu Leu Asp Ala Ser	Thr Thr Ile Asp Ser Ala
705	710	715
Ser His Thr Arg Arg	Arg His Leu Arg Thr	Arg Ser Gln Leu Gln Arg
	725	730
Asp Pro Gly Asn Ala	Asn Asp Met Ser Ser	Pro Arg Gly Trp Lys Glu

740
Pro Arg His
755

745

750

<210> 29940
<211> 69
<212> PRT
<213> A.fumigatus

<400> 29940
Thr Lys Leu Ser Asn Cys Ile Gly Tyr Leu Ala Asp Ala Asp Asp Asn
1 5 10 15
Tyr Pro Asn Leu Glu Arg Phe Val Ala Val Phe Leu Ile Lys Phe Ala
20 25 30
Gln Asp Ser Ile Tyr Gly Ser Gly Asn Ser Val Val Ile Arg Arg Leu
35 40 45
Ser Leu Leu Ala Ile Thr Glu Pro Ala Leu Ser His Phe Thr Leu Asp
50 55 60
Val Glu Glu Leu Gly
65

<210> 29941
<211> 72
<212> PRT
<213> A.fumigatus

<400> 29941
Cys Ala Pro Arg Cys Gly Ala Met Pro Val Ala Glu Lys Leu Ala Leu
1 5 10 15
Ile Leu Lys Leu Trp Ser Phe Gly Asn Glu Arg Gly Leu Leu His Arg
20 25 30
Ile Phe Arg Asp Asp Met Val Tyr Gly Val Tyr Asn Met Ser Thr Met
35 40 45
Asp Gln Phe Ser Glu Gly His Ser Leu Phe Pro Leu Glu Leu Lys Thr
50 55 60
Gly Phe Leu Ser Leu Ile Arg Leu
65 70

<210> 29942
<211> 186
<212> PRT
<213> A.fumigatus

<400> 29942
Ile His Gly Ser Ala Asn Met Asp Glu Ile Ser Trp Val Ala Thr Glu
1 5 10 15
Lys Gly Gln Thr Leu Gly Leu Ser Asn Thr Thr Phe Gly Asp Arg Ser
20 25 30
Trp Pro Lys Ile Leu Asp Gly Glu Lys Leu Met Asn Glu Ala Ile Asn
35 40 45
Ala His Val Gln Ala Gly Glu Asp Glu Asp Gln Leu Ile Asn Arg Leu
50 55 60
Leu Gln Val Leu Ser Arg Asp Thr Leu Pro Arg Leu Ser Gly Asp Ala
65 70 75 80
Thr Met Asp Thr Tyr Leu Leu Leu Leu Arg Gln Ser Ile Phe Val Pro
85 90 95

11274

Val Ile Gly Ala Gln Ala Glu Lys Pro Arg Ala Ala Asp Glu Val Ala
 100 105 110
 Ala Ala Arg Asp Thr Asp Arg Val Pro Val Glu Ser Gln Pro Pro His
 115 120 125
 Asp Ser Leu Asp Lys Ser Phe Leu Gln Gly Ala Tyr Gly Thr Gln Lys
 130 135 140
 Gln Thr Val Val Leu Val Ser Ala Asn Gly Arg Val Arg Tyr Phe Glu
 145 150 155 160
 Arg Thr Leu Tyr Asp Asn Asp Val Asn Ala Ile Pro Thr Gly Lys Gly
 165 170 175
 Asp Arg Ser Phe Glu Phe His Val Ser Arg
 180 185

<210> 29943

<211> 685

<212> PRT

<213> A.fumigatus

<400> 29943

Gln Gly Phe Trp Pro Pro Asp Ser Thr Ser Thr Gly Trp Asn Lys Glu
 1 5 10 15
 Asp Phe Met Glu Ser Glu Asp Glu Gly Pro Phe Pro Val Met Val Val
 20 25 30
 Pro Arg Ile Thr Lys Leu Gly Arg Ile Glu Ala Pro Ala Val Ala Ile
 35 40 45
 Asp Asp Asp Gly Phe Ala Thr Val Gly Arg Gly Gly Lys Thr Leu Gln
 50 55 60
 Tyr Thr Pro Glu Ser Ile Leu Lys His Leu Arg Val Ile Val Glu Ser
 65 70 75 80
 Arg Gly Lys Lys Asn Thr Asp Arg Met Glu Gln Ile Arg Thr Met Glu
 85 90 95
 Lys Leu Leu Glu Val Ala Gln Thr Pro Tyr Gln Arg Ile Arg Val Tyr
 100 105 110
 Leu Thr Leu Ile Ser Thr Arg Phe Asp Leu Thr Ser Thr Ser Ser Ala
 115 120 125
 Asn Tyr Met Ala Val Asp Gln Trp Lys Ser Ala Glu Gln Asp Phe Ser
 130 135 140
 Ser Leu Leu Ser Val Leu Glu Asn Asn Arg Asp His Val Val Phe Glu
 145 150 155 160
 Asp Ala Glu Glu Trp Glu Asp Asp Glu Lys Gln Pro Thr Ile Ala Pro
 165 170 175
 Gly Glu Thr Leu Tyr Ile Pro Gly Ser Ile Val Ser Phe Ala Glu Arg
 180 185 190
 Leu Asp Asp Glu Leu Thr Arg Ser Leu Gln His Ile Asp Pro His Thr
 195 200 205
 Ala Glu Tyr Ile Glu Arg Leu Ser Asp Glu Lys Leu Leu Tyr Thr Asp
 210 215 220
 Leu Val Arg Ala Gln Ala Tyr Val Glu Gly Leu Asn Glu Val Glu Lys
 225 230 235 240
 Thr Asp Pro Arg Gln Asp Ser Val Asn Arg Val Val Met Arg Arg Leu
 245 250 255
 Glu His Val Tyr Phe Lys Pro Ser Gln Val Ile Thr Ile Leu Glu Asp
 260 265 270
 Ala Thr Trp Lys Ser Leu Pro Ser Glu Leu Asp Ser Ser Ile Thr Pro
 275 280 285
 Arg Ala Ser Ser Gly Asn Val Glu Asn Leu Val Leu Ser Leu Cys Asn

11275

290		295		300											
Tyr	Leu	Phe	Lys	Tyr	Ser	Asp	Gly	Ile	Ile	Arg	Ala	Arg	Ala	Met	Leu
305					310					315					320
Cys	Gln	Ile	Tyr	Phe	Leu	Ala	Leu	His	Asp	Gln	Tyr	Tyr	Arg	Ser	Arg
				325					330					335	
Asp	Leu	Met	Leu	Met	Ser	His	Leu	Thr	Glu	Asn	Ile	Ser	Asn	Phe	Asp
			340					345					350		
Val	Ser	Thr	Gln	Ile	Leu	Phe	Asn	Arg	Thr	Leu	Val	Gln	Ile	Gly	Leu
		355					360					365			
Cys	Ala	Phe	Arg	Ser	Gly	Leu	Ile	Tyr	Glu	Ala	Gln	Asn	Thr	Leu	Ser
	370				375					380					
Glu	Val	Cys	Gly	Ser	Gly	Arg	Gln	Lys	Glu	Leu	Leu	Ala	Gln	Gly	Ile
385					390					395					400
Ile	Met	Gln	Arg	Tyr	Ser	Thr	Val	Ser	Pro	Glu	Gln	Glu	Arg	Leu	Glu
			405						410					415	
Arg	Gln	Arg	Gln	Leu	Pro	Phe	His	Met	His	Ile	Asn	Leu	Glu	Leu	Leu
			420					425					430		
Glu	Cys	Ile	Tyr	Leu	Thr	Ser	Ser	Met	Phe	Leu	Glu	Val	Pro	Leu	Met
	435						440					445			
Ala	Gln	Thr	Ser	Ser	Ser	Pro	Glu	Met	Lys	Arg	Arg	Val	Ile	Ser	Lys
	450					455				460					
Thr	Phe	Arg	Arg	Met	Leu	Asp	Tyr	Asn	Glu	Arg	Gln	Val	Phe	Thr	Gly
465				470					475						480
Pro	Pro	Glu	Asn	Thr	Arg	Asp	Gly	Val	Ile	Met	Ser	Ala	Lys	Phe	Leu
			485					490						495	
Ala	Ala	Gly	Asp	Trp	Lys	Lys	Ala	Ala	Glu	Met	Leu	Asn	Ser	Ile	Lys
		500					505					510			
Ile	Trp	Asp	Leu	Met	Pro	Gln	Pro	Asp	Lys	Ile	Lys	Glu	Met	Leu	Ser
	515					520						525			
Gln	Gln	Ile	Gln	Glu	Glu	Gly	Leu	Arg	Thr	Tyr	Leu	Phe	Thr	Tyr	Ala
	530					535					540				
Pro	Phe	Tyr	Asp	Ser	Leu	Ser	Ile	Ala	Thr	Leu	Ser	Asn	Met	Phe	Glu
545				550					555						560
Leu	Ser	Glu	Lys	Lys	Ile	Ser	Ala	Ile	Ile	Ser	Arg	Met	Ile	Ser	His
			565					570					575		
Glu	Glu	Leu	Ala	Ala	Ala	Leu	Asp	Gln	Val	Asn	Asn	Ala	Ile	Val	Phe
		580					585					590			
Arg	Lys	Gly	Val	Glu	Leu	Ser	Arg	Leu	Gln	Ser	Gln	Ile	Val	Thr	Leu
	595					600						605			
Ala	Asp	Lys	Ser	Met	Asn	Leu	Leu	Glu	Ala	Asn	Glu	Lys	Thr	Leu	Glu
	610				615						620				
Gln	Arg	Thr	Gln	Gly	Met	Ala	Asn	Ala	Phe	Gln	Arg	Asp	Gln	Gly	Ala
625				630					635						640
Gly	Ala	Arg	Gly	Gly	Arg	Gly	Ser	Gly	Arg	Gly	Gly	Gln	Ala	Arg	Gly
		645						650						655	
Gly	Pro	Arg	Phe	Pro	Gly	Gly	Gln	Gln	Gly	Arg	Arg	Pro	Gly	Gly	Gln
	660						665						670		
Gln	Phe	Gly	Gly	Gly	Ala	Leu	Gly	Gly	Ala	Ile	Lys	Ala			
	675					680					685				

<210> 29944

<211> 68

<212> PRT

<213> A.fumigatus

<400> 29944

Ile Tyr Thr Met Val Ala Glu Thr Lys Leu Tyr Asp Ala Leu Asn Ile
 1 5 10 15
 Lys Pro Asp Ala Ser Gln Asp Asp Ile Arg Lys Ala Tyr Arg Lys Ala
 20 25 30
 Ala Leu Lys Tyr His Pro Asp Lys Asn Lys Asp Asp Pro Lys Ala Val
 35 40 45
 Glu Lys Phe Lys Gly Glu Leu Leu Leu Ile Thr Arg His Cys Gln Arg
 50 55 60
 Met Asn Pro Cys
 65

<210> 29945
 <211> 207
 <212> PRT
 <213> A.fumigatus

<400> 29945
 Gln Lys Ala Glu Val Ser Gln Ala Tyr Glu Val Leu Ser Asp Pro Glu
 1 5 10 15
 Lys Arg Lys Val Tyr Asp Gln Tyr Gly Leu Glu Phe Leu Leu Arg Gly
 20 25 30
 Gly Pro Ala Pro Gly Pro Gly Gly Ala Pro Gly Ala Gly Gly Phe Glu
 35 40 45
 Gly Phe Glu Gly Gly Met Pro Gly Gly Phe Ser Phe Gly Gly Met Pro
 50 55 60
 Gly Gly Gly Thr Arg Thr Phe His Phe Ser Thr Gly Pro Gly Gly Gly
 65 70 75 80
 Gly Gly Phe Arg Phe Ser Ser Ala Asp Asp Ile Phe Arg Asn Phe Ala
 85 90 95
 Lys Ala Ser Gly Gly Gly Met Gly Gly Gly Met Glu Asp Asp Asp Leu
 100 105 110
 Phe Asn Ile Leu Asn Gly Gly Leu Gly Gly Gly Arg Gly Phe Arg
 115 120 125
 Thr Ser Arg Gly Ala Gly Ala Gly Gly Ala Gly Gly Gly Phe Gln
 130 135 140
 Gln Ala Asn Arg Ala Pro Thr Pro Glu Pro Ser Val Val Glu Lys Glu
 145 150 155 160
 Leu Pro Leu Thr Leu Asp Glu Leu Phe Lys Gly Thr Thr Lys Lys Val
 165 170 175
 Thr Val Lys Ser Lys Thr Phe Asp Ala Ser Gly Lys Arg Thr Val Gln
 180 185 190
 Asp Val Thr Leu Glu Ala Asn Ile Lys Pro Gly Leu Arg Thr Gly
 195 200 205

<210> 29946
 <211> 184
 <212> PRT
 <213> A.fumigatus

<400> 29946
 Pro Val Arg Arg Pro Gly Leu Ile Leu Ala Ser Ser Val Thr Ser Trp
 1 5 10 15
 Thr Val Arg Phe Pro Leu Ala Ser Asn Val Leu Leu Phe Thr Val Thr
 20 25 30
 Phe Phe Val Val Pro Leu Lys Ser Ser Ser Asn Val Ser Gly Asn Ser
 35 40 45

Phe Ser Thr Thr Asp Gly Ser Gly Val Gly Ala Arg Phe Ala Cys Trp
 50 55 60
 Asn Pro Pro Pro Pro Ala Pro Pro Ala Pro Ala Pro Arg Leu Val Leu
 65 70 75 80
 Asn Pro Arg Pro Pro Pro Pro Ser Pro Pro Leu Arg Ile Leu Asn Arg
 85 90 95
 Ser Ser Ser Ser Ile Pro Pro Pro Met Pro Pro Pro Leu Ala Phe Ala
 100 105 110
 Lys Phe Arg Lys Ile Ser Ser Ala Glu Leu Lys Arg Asn Pro Pro Pro
 115 120 125
 Pro Pro Gly Pro Val Glu Lys Trp Asn Val Arg Val Pro Pro Pro Gly
 130 135 140
 Ile Pro Pro Lys Glu Asn Pro Pro Gly Met Pro Pro Ser Lys Pro Ser
 145 150 155 160
 Asn Pro Pro Ala Pro Gly Ala Pro Pro Gly Pro Gly Ala Gly Pro Pro
 165 170 175
 Arg Asn Arg Asn Ser Arg Pro Tyr
 180

<210> 29947

<211> 464

<212> PRT

<213> A.fumigatus

<400> 29947

Ala Leu Leu Arg Gln Gly Asn Lys Gly Arg Thr Pro Phe Pro Gly Gly
 1 5 10 15
 Gln Tyr His Trp Ser Gly Gly Asp Gln Tyr Asp Gly Arg Gly Lys Glu
 20 25 30
 Arg Asn Leu Pro Glu Leu Leu Glu Asp Gly Val Pro Gln Ser Ser Tyr
 35 40 45
 Glu Ser Val Glu Ser Gly Gly Arg Asp Asn Thr Ala Gln Leu Ser Leu
 50 55 60
 Ser Ser Gln Thr Ser Leu Ser Gln Ala Ser Glu Ile Ser Gln Glu Leu
 65 70 75 80
 His Lys Ala Val Pro Asp Ala Thr Ser Thr Gln Gln Asp Asn Asp Thr
 85 90 95
 Pro Ser Asp Asp Thr Gln Leu Ser Ala Lys Arg Lys Arg Ser Ile Ser
 100 105 110
 Asp Leu Arg Gly Asp Val Pro Thr Thr Leu Gln Gln Gln Gln Gln
 115 120 125
 Pro Thr Pro Gly Gly Leu Gln Val Leu Lys Ser Pro Pro Ser Leu Arg
 130 135 140
 Leu Ser Leu Ser Phe Asp Gly Glu Ala Met Val Arg Arg Glu Gly Glu
 145 150 155 160
 Leu Thr Pro Ser Pro Pro Lys Gly Arg Asn Ser Leu Arg Ile Ala Met
 165 170 175
 Ser Ser Asp Gly Lys Ala Val Ile Arg Thr Glu Asp Glu Pro Ser Pro
 180 185 190
 Ser Lys Gly Arg Ile Ser Met Phe Ser Thr Arg Ser Ser Arg Phe Ala
 195 200 205
 Gly Leu Arg Arg Ser Ser Ser Ala Val Ala Leu Gly Thr Pro Arg Ala
 210 215 220
 Gly Ala Ile Glu Lys Glu Lys Ala Phe Gly Arg Ser Arg Asp Pro Arg
 225 230 235 240
 Asn Trp Glu Ser Phe Phe Asp Thr Asp Ala Arg Ser Ala Leu Ser Thr

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<210> 29948
<211> 69
<212> PRT
<213> A.fumigatus
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[illegible]

<400> 29949

Arg	His	Ala	Thr	Glu	Phe	Phe	Ala	Ala	Lys	Leu	Ile	Phe	Val	Glu	Asn
1				5					10					15	
Ala	His	Ser	Glu	Lys	Glu	Ser	Ala	Val	Gly	Phe	Gln	Lys	Tyr	Glu	Ser
			20					25					30		
Val	Arg	Arg	Gly	Ala	Met	Asp	Val	Leu	Ala	Lys	Ile	Phe	Ser	Arg	Tyr


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<210> 29950
<211> 129
<212> PRT
<213> A.fumigatus
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<400> 29950
His Leu Thr Phe Ile Ser Arg Thr Ala Leu Leu Leu His Ile Leu Arg
1          5          10          15
Leu Phe Met Thr Leu Ala His Thr Ala Thr Pro Val His Leu Leu Leu
          20          25          30

```

Leu Val Ala Gln Thr Lys Thr Thr Thr Thr Lys Ala Val Thr Thr Leu
 35 40 45
 Pro Arg Ile Thr Val Pro Leu Pro Ser Lys Asp Met Ala Val Thr Ala
 50 55 60
 Arg Pro Leu Pro Arg Val Asn Leu Cys Thr Ile Leu Arg Lys Asp Thr
 65 70 75 80
 Arg His Ser Ser Lys Ala Thr Ile Arg Lys Thr Gly Glu Gly Leu Gln
 85 90 95
 Ala Val Ala Phe Val Pro Val Ser Trp Pro Leu Leu His Ala Val Ala
 100 105 110
 Ala Trp Ile Phe Cys Ser Lys Gln Tyr Glu Glu Lys Gly Leu Gly Pro
 115 120 125
 Leu

<210> 29951

<211> 373

<212> PRT

<213> A.fumigatus

<400> 29951

His Thr Leu Ala Met Ser Thr Ser Ala Phe Gly Val Val Met Arg Phe
 1 5 10 15
 Glu Ser Ala Ser Pro Ile Ala Asn Pro Ala Ala Val Val Arg Lys Asp
 20 25 30
 Arg Gln Gly Ile Ala Arg Thr Pro Ser Glu Tyr Glu Leu Asp His Met
 35 40 45
 Arg Glu Ser Arg Gln Ser Pro Ala Ser Gly Pro Ser Thr Gly Val His
 50 55 60
 Met Pro Ile Thr Ser Val Thr Pro Asn Glu Leu Glu Ser Leu Pro Gly
 65 70 75 80
 Ser Pro Ala Glu Asp Gly Ala Ile Asp Ala Ile Asp Ala Ile Asp Pro
 85 90 95
 Leu Pro Asn Leu Thr Ser Ser Ala Thr Thr Arg Trp Arg Leu Leu Ser
 100 105 110
 Ala Cys Met Met Ser Val Ala Asn Gly Leu Asn Asp Ser Gly Pro Gly
 115 120 125
 Ala Leu Ile Pro Tyr Ile Glu Lys Asp Tyr Asn Ile Gly Tyr Ala Val
 130 135 140
 Val Ser Leu Ile Phe Val Thr Asn Ala Leu Gly Phe Ile Leu Ala Ala
 145 150 155 160
 Pro Val Thr Gln Phe Phe Glu Ala Lys Leu Gly Arg Ser Lys Ser Tyr
 165 170 175
 Ala Leu Ser Met Ser Leu Leu Val Ala Gly Tyr Val Ile Ile Leu Ser
 180 185 190
 Lys Pro Pro Phe Pro Ala Val Val Ala Ser Phe Phe Leu Leu Gly Phe
 195 200 205
 Gly Met Ala Leu Asn Leu Ala Leu Asn Asn Val Phe Cys Ala Asn Leu
 210 215 220
 Ala Asn Ser Thr Thr Ser Leu Gly Ala Leu His Gly Ser Tyr Gly Ile
 225 230 235 240
 Gly Gly Ile Met Gly Pro Leu Ile Ala Thr Ala Met Val Ser Asp Gly
 245 250 255
 Val Gln Trp Ser Ile Tyr Tyr Ser Ile Asn Leu Ala Leu Ala Val Phe
 260 265 270
 Asn Leu Val Phe Ala Ile Trp Thr Phe Arg Gly Tyr Glu Lys Glu Leu

11281

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      275              280              285
Pro  Ile Gln Leu Leu Thr Ala Leu Gln Gln Thr Val Ser Gln Gln Glu
      290              295              300
His  Gly His Asn Val Ala Ser Lys Lys Gln Leu Leu Lys Gln Ala Val
305              310              315              320
Lys  Asn Arg Thr Thr Leu Leu Gly Ala Leu Phe Ile Phe Ala Tyr Gln
              325              330              335
Gly  Ala Glu Val Ser Ile Ser Gly Trp Val Val Ser Phe Leu Ile Ser
              340              345              350
Tyr  Arg Lys Gly Asp Pro Ser His Ser Ser Pro Arg Gly Arg Arg Ile
              355              360              365
Arg  Glu Lys Leu Arg
      370

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<210> 29952
 <211> 64
 <212> PRT
 <213> A.fumigatus

```

<400> 29952
Ile  Gly Trp Phe Leu Arg Asn Arg Ile Ser Arg Cys Ser Arg Ile Arg
1              5              10              15
Glu  Gly Phe Leu Glu Met Asp Asp Ala Ser Leu Val Phe Ser Cys Ser
      20              25              30
Pro  Asn Ile Cys Val Lys Glu Ile Val Glu Asp Ile Ala Arg Pro Leu
      35              40              45
Ala  Leu Ile Trp Cys Thr Val Lys Asp Lys Asp Pro Glu His Ala Leu
      50              55              60

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<210> 29953
 <211> 172
 <212> PRT
 <213> A.fumigatus

```

<400> 29953
Leu  Ala Ile Ser Ala Ser Ser Arg Lys Lys Ala Arg Cys Pro Gly Glu
1              5              10              15
Lys  Pro Thr Cys Ser Leu Cys Gln Arg Leu Gly Gln Arg Cys Ser Tyr
      20              25              30
Asn  Ala Arg Arg Ala Ala Asn Asp Ala Thr Ser Gly Ala Pro Leu Gly
      35              40              45
Leu  Ser Gln Pro Cys Thr Pro Asp Asp Ala Leu Pro Gly Thr Ser Pro
      50              55              60
Asn  Ala Gln His Phe Arg Arg Val Glu Gln Arg Leu Asp Ala Ile Thr
65              70              75              80
Ala  Leu Leu Gln Tyr Val Leu Lys Ile Arg Cys Ile Ser Ser Leu Ala
      85              90              95
Ser  Ile Ile Leu Met Leu Val Arg Ser Glu Arg Gly Cys Arg Gln Ala
      100             105             110
Val  Pro Gly Ile Gly His Leu Thr Gly Arg Thr Ile Pro Ala Gln Glu
      115             120             125
Lys  Gly Cys His Gly Lys Leu Leu Ala Ile Phe Ile Pro Ile Ala Met
      130             135             140
Asn  Gly Val Met Met Asn Phe Lys Cys Pro Ile Ser Asn Gly Ile Tyr
145             150             155             160
Gln  Ile Ser Gly Arg Gly Leu Pro Gly Ser Leu Ser

```